

PINTEK

High Voltage Amplifier

★ High Power Model!

HA-305

- 300Vp-p($\pm 150V$ DC)
- 600mA_{p-p}($\pm 300mA$ DC)
- Bandwidth: $\leq 100KHz$ (150Vp-p)
- Slew Rate: 50V/us
- Gain(AMPL): 0~60(10 Turn VR)
- DC Offset: $\leq 0 \sim \pm 150V$ (10 Turn VR+SW)
- Output Resistor: 10 Ω
- Microprocess Control Protection



HA-405

- 400Vp-p($\pm 200V$ DC)
- 400mA_{p-p}($\pm 200mA$ DC)
- Bandwidth: $\leq 1MHz$ (200Vp-p)
- Slew Rate: 500V/us
- Gain(AMPL): 0~90(10 Turn VR)
- DC Offset: $\leq 0 \sim \pm 200V$ (10 Turn VR+SW)
- Output Resistor: 50 Ω
- Microprocess Control Protection

HA-805

- 800Vp-p($\pm 400V$ DC)
- 200mA_{p-p}($\pm 100mA$ DC)
- Bandwidth: $\leq 300KHz$ (400Vp-p)
- Slew Rate: 300V/us
- Gain(AMPL): 0~180(10 Turn VR)
- DC Offset: $\leq 0 \sim \pm 400V$ (10 Turn VR+SW)
- Output Resistor: 100 Ω
- Microprocess Control Protection



BP-253N



BP-250

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Pintek Electronics Co., Ltd

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HA-305/405/805 High Voltage Amplifier

(High Power Model $\geq 80\text{VA}$)

SPECIFICATIONS:

FUNCTION / MODEL	HA-305	HA-405	HA-805
Output Voltage(DC/AC)	$\pm 150\text{V}$ (300Vp-p)	$\pm 200\text{V}$ (400Vp-p)	$\pm 400\text{V}$ (800Vp-p)
Output Current(DC/AC)	$\pm 300\text{mA}$ /600mA p-p	$\pm 200\text{mA}$ /400mA p-p	$\pm 100\text{mA}$ /200mA p-p
Output Power(AC Peak)	90 VA	80 VA	80 VA
Bandwidth(-3dB)	100KHz(150Vp-p)	1MHz(200Vp-p)	300KHz(400Vp-p)
Slew Rate	50V/us	500V/us	300V/us
DC Offset Range	0 ~ $\pm 150\text{V}$	0 ~ $\pm 200\text{V}$	0 ~ $\pm 400\text{V}$
Gain(Voltage)	0 ~ 60	0 ~ 90	0 ~ 180
Output Resistor	10 Ω	50 Ω	100 Ω
Protec Resistor	500 Ω /80Watt	2K Ω /80Watt	7.5K Ω /80Watt
Safe Loading	$\geq 500\Omega$ at 300Vp-p	$\geq 1\text{K}\Omega$ at 400Vp-p	$\geq 4\text{K}\Omega$ at 800Vp-p
AMPL. Control	10 Turn VR		
Offset Control	Switch + 10 Turn VR		
Monitor Output	Fix 100:1(-40dB) for Oscilloscope 1M Impedance		
Input Range	0~ $\pm 10\text{V}$ or 20Vp-p, 10K Ω Impedance.		
Dimensions/Weight	230(W)x170(H)x310(D)mm/ 5.0Kgs.		
Power Source/Fuse	90~240V AC, 50/60 Hz/ 3A		
Output Protection	1. Fuse 2. Protection Resistor 3. Microprocess Control		

ACCESSORIES:



APPLICATION(應用說明):

- Function Generator Amplifier
函數波形產生器波幅放大
- High Voltage Power Supply
高壓電源供應器
- Semiconductor High Voltage Driver
半導體高壓驅動
- TFT Field High Voltage Driver
TFT產業高壓驅動
- High Voltage Engineering / 各種高壓工程
- MEMS Engineering / 微機電工程
- Nano Technology / 奈米科技
- PZT Driver / 壓電材料驅動
- Static Charge Engineering / 靜電科技工程
- Biomedical Engineering / 生醫檢測工程

PINTEK

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SALES AGENT

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